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Recombinant Transmembrane Protease, Serine 2 (TMPRSS2)

Catalog Number: SIPC178Mu02 **Spec: 10ug**

Product Name	Recombinant Transmembrane Protease, Serine 2 (TMPRSS2)
Catalog Number	SIPC178Mu02
Organism Species	Mouse
Source	Prokaryotic expression
Host	E.coli
Residues	Trp105~Ser490
Tags	N-terminal His Tag
Subcellular Location	Membrane, Secreted
Purity	> 95%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Original Concentration	50μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	7.0
Predicted Molecular Mass	45.7kDa
Accurate Molecular Mass	46kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH2O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

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    WRFWDS NCSTSEMECG SSGTCISSSL WCDGVAHCPN GEDENRCVRL
YGQSFILQVY SSQRKAWYPV CQDDWSESYG RAACKDMGYK NNFYSSQGIP
DQSGATSFMK LNVSSGNVDL YKKLYHSDSC SSRMVVSLRC IECGVRSVKR
QSRIVGGLNA SPGDWPWQVS LHVQGVHVCG GSIITPEWIV TAAHCVEEPL
SSPRYWTAFA GILRQSLMFY GSRHQVEKVI SHPNYDSKTK NNDIALMKLQ
TPLAFNDLVK PVCLPNPGMM LDLDQECWIS GWGATYEKGK TSDVLNAAMV
PLIEPSKCNS KYIYNNLITP AMICAGFLQG SVDSCQGDSG GPLVTLKNGI
WWLIGDTSWG SGCAKALRPG VYGNVTVFTD WIYQQMRANS
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[IDENTIFICATION]

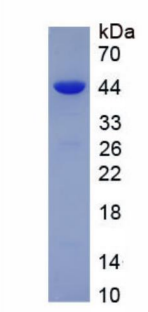


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.